COMPACT DISC PLAYER

DP-1100SG
INSTRUCTION MANUAL

KENWOOD

Introduction

Your choice of this product indicates that you are a devotee to excellence in sound reproduction.
We appreciate your patronage and take pride in the long tradition of quality components.
So that you can get the most out of your unit, we suggest that you take the time to read through this manual before you hook up and operate your system. This will acquaint you with operating features, and system-connection considerations, so that your listening pleasure will be enhanced right from the start. You will notice that in all aspects of planning, engineering, styling, operating convenience and adaptability, we have sought to anticipate your needs and desires.
Keep this manual handy for future reference.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.
Model DP-1100SG Serial number ――――――――

Unpacking

Unpack the unit carefully and make sure that all accessories and cables are put aside so they will not be lost.
Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to your directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.
We recommend that your retain the original carton and packing materials for use should you transport or ship the unit in the futuer.

COMPACT
dISC
DIGITAL AUDIO

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
SHIONOGI SHIBUYA BUILDING 17-5, 2-CHOME,
SHIBUYA, SHIBUYA-KU, TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT
CONFORMS TO DHHS REGULATIONS NO. 21 CFR
1040, 10, CHAPTER 1, SUBCHAPTER J.

Location: Back panel

DANGER
INVISIBLE LASER RADIATION WHEN OPEN
AND INTERLOCK FAILED OR DEFEATED.
AVOID DIRECT EXPOSURE TO BEAM.

Location: Inside, near the Laser mechanism.

Contents

Before applying power

Important!

U.S.A., Canada, Australia, U.K, and Europe
Units shipped to the U.S.A. and Canada are designed for operation on 120 V AC only.
Units shipped to Australia and U.K. are designed for operation on 240 V AC only.
Units shipped to Europe are designed for operation on 220V AC only.
These units are not equipped with an AC voltage selector switch and the discussion of such a switch that follows, should be disregarded.
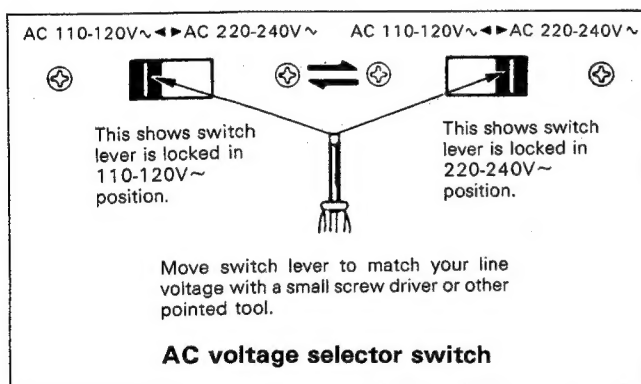
All other countries
Units shipped to countries other than the above countries are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of this switch.

AC voltage selection

This unit operates on 110-120 volts or 220-240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

Note:
Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

AC 110-120V~ ◄ ► AC 220-240V~   AC 110-120V~ ◄ ►AC 220-240V~

This shows switch lever is locked in 110-120V~ position.

This shows switch lever is locked in 220-240V~ position.

Move switch lever to match your line voltage with a small screw driver or other pointed tool.

AC voltage selector switch

For United Kingdom

The main plug must be removed from the wall socket prior to any internal examination.

Important
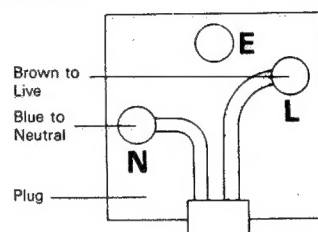The wires in this mains lead are coloured in accordance with the following code:

Blue	Neutral
Brown	Live

The wires in this mains lead must be connected to the terminals in the plug as follows:

Wire colour	Plug terminal marking
Blue	N or Black
Brown	L or Red

Brown to Live
Blue to Neutral
Plug

Notes:
1. If a 13-amp plug is used, this must be fitted with a 5-amp fuse.
2. If a 3-pin plug with earthing contact is used, no wire must be connected to the E terminal.

Safety precautions

Safety precaution for AC plug (For U.S.A. and Canada)
CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD. RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

WARNING:
TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Safety precautions

| CAUTION	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
RISK OF ELECTRIC SHOCK DO NOT OPEN	
⚡	THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.
!	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

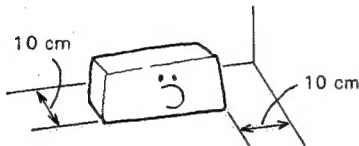# Before operations

Where to install the unit

Do not place the unit near a heat producing equipment such as a radiator. Avoid direct sunlight.
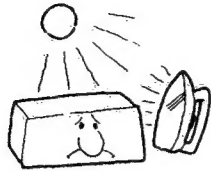
Do not store or use the unit in a dusty location or in a moist atmosphere. Select a location where air is well ventilated.
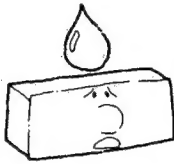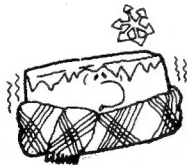
Install the unit approx. 10 cm away from the wall, for heat dissipation.

Install the unit on a flat, vibration-free rigid table.

The unit may not function porperly if used at extremely low, of freezing temperatures. The ideal ambient temperature is above +5°C (41°F).
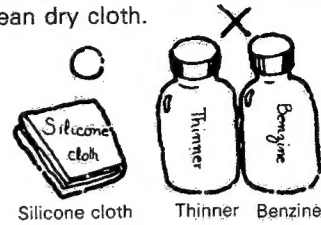
Keep the units away from a source of magnetic fields such as TV sets, speaker systems, radios, motorized toys or magnetized objects.
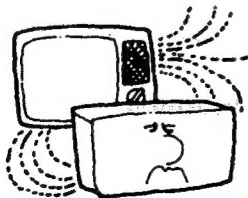
Cleaning

Do not use volatile solvents such as alcohol, paint thinner, gasoline, benzine, etc. to clean the cabinet. Use a silicone cloth or a clean dry cloth.

Silicone cloth   Thinner Benzine

Safety precautions

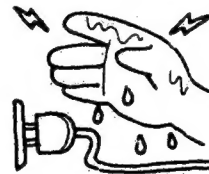For families with children, never permit children to put anything, especially metal, inside this unit.

Never pull, bend or extend the power cord. This could damage the power cord, resulting in a broken cord or short-circuit.

Never pull or stretch the cord.

Touching the power plug when your hands are wet may result in a serious electric shock.
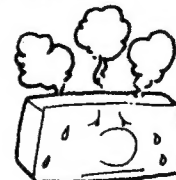
Never touch with wet hands.

Never remove the case. If the internal parts are touched accidentally, a serious electric shock might occur.

Never touch internal parts.

In case of abnormal smell

If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.

Notes on handling compact discs

Transportation screw

Before operation, remove the two red screws attached to the bottom of the unit used during transport from the factory. Remove both screws using a coin, etc. and, after removing, retain them together with the Warranty card and other documents. When the unit is so be transported again, be sure replace the two screws to their original position:
* For the procedure of attaching the transportation screws, refer to page 22.
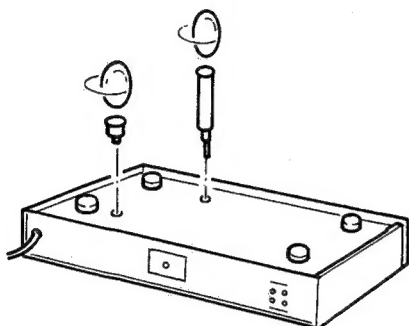
Beware of condensation

Water vapor in the air may condense on cold parts, forming "dew" on its surface.
For example, when a bottle taken out of the refrigerator and brought into a warm room, droplets of water will form on the bottle surface. This phenomenon is called "condensation". If this occurs of the unit internally, the player may operate incorrectly or may not function at all.
This is not a malfunction, however, the player should be left until it is dry. (Turn the power of this unit ON and leave the player for a while. After several hours, even in the worst case, the player will stabilize and correct playback will be possible.) Be especially careful in the following cases:
* When the unit is suddenly brought from a cold place to a warm place (causing rapid temperature change).
* When the temperature of the room is raised suddenly using a heater, etc.
* When the unit is brought from a well-cooled (airconditioned) room to a damp and hot room.
* In conditions where the temperature difference between the surroundings and this unit might cause condensation.

Handling

Compact discs are made of plastic (polycarbonate). When the recorded side of the compact disc is dirty or scratched, playback may be noisy or sound may be missed. Even when the label side is scratched, the recording may be damaged. Handle compact discs carefully. Do not stick tape, etc. to compact discs.

Cleaning

When a compact disc is contaminated with fingerprints, etc., wipe with a dry cloth in a radial direction. Never use chemical sovents, such as thinner, benzene, etc. and conventional record cleaners or aerosols.
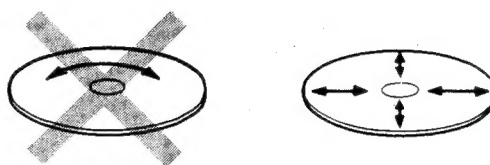
Storage

Always replace the compact disc in its case and store it. Compact discs are adversely affected by heat and moisture. Do not store compact discs in a place exposed to direct sunlight or where humidity is high.

How to load a compact disc

Press the OPEN/CLOSE (▲) key to open the tray. The disc is inserted with the labeled side up.

Notes:
1. Make sure of the side of the disc. The disc cannot be played if it is placed upside down.
2. Do not place objects other than disc on the disc tray.
3. As this unit employs auto-close function, be sure to place a disc correctly.

Labeled side
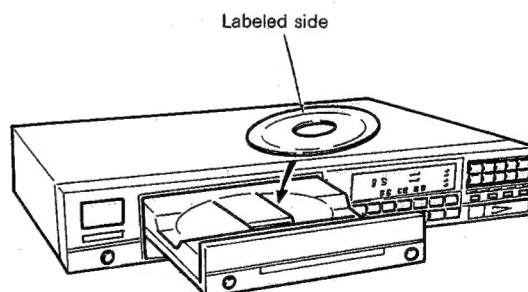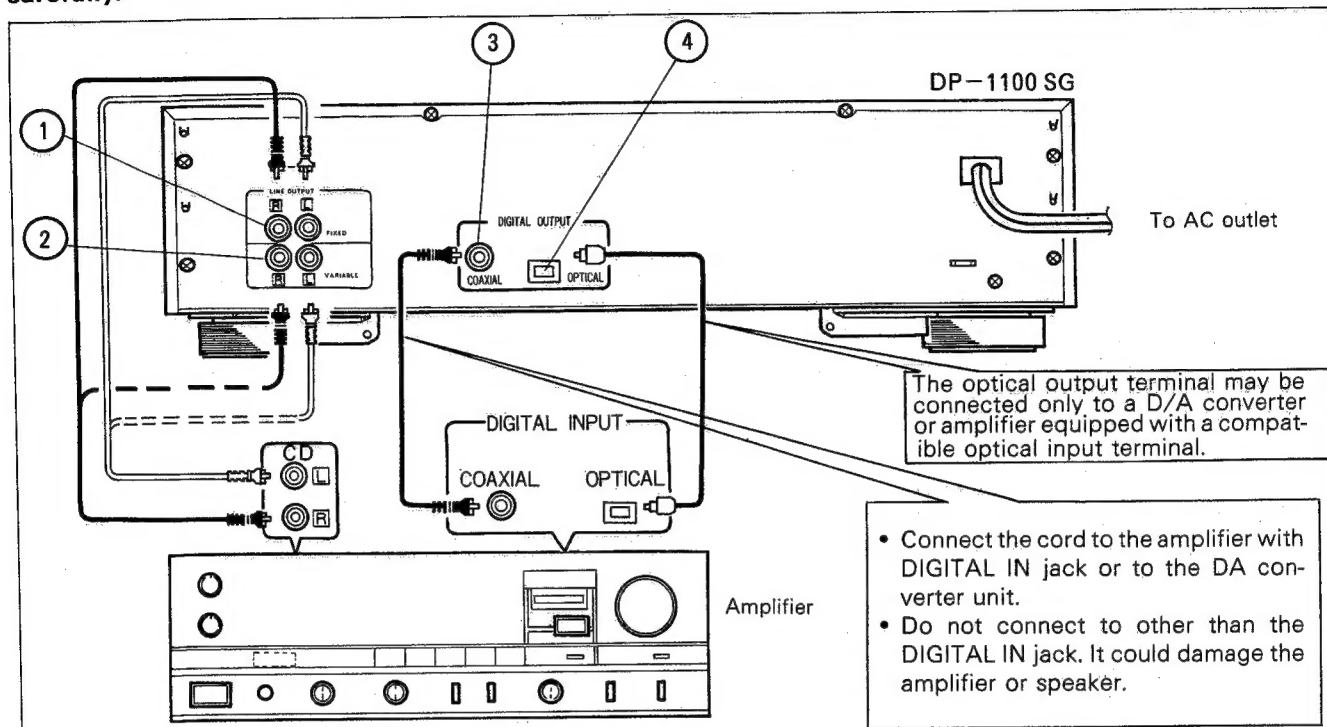
Additional precautions

When performing connections, always disconnect the power cord from the AC outlet. When setting the power switch (POWER) to OFF, always turn the volume control of the amplifier to minimum.

System connections Required for proper operation

Connection precautions

Always turn OFF the power before making connections.
Incorrect connections can cause damage to your audio system. Heed the precautions and follow the directions carefully.

DP-1100SG

To AC outlet

The optical output terminal may be connected only to a D/A converter or amplifier equipped with a compatible optical input terminal.

Amplifier

- Connect the cord to the amplifier with DIGITAL IN jack or to the DA converter unit.
- Do not connect to other than the DIGITAL IN jack. It could damage the amplifier or speaker.

① **Fixed output (FIXED): Output voltage 2Vrms fixed**
Use these stereo output jacks for connection to a typical amplifier or receiver.

② **Variable output (VARIABLE): Output voltage 0~2Vrms variable**
You can adjust the output level from these jacks to match the signal level of other sources connected to your amplifier or receiver. (May also be used for adjusting recording level by remote control).

③ **Digital output (DIGITAL OUT, COAXIAL) 0.5Vp-p 75 ohms**

④ **Optical output (DIGITAL OUT, OPTICAL)**
−15dBm~−25dBm

Note:
1. If your amp has both optical and coax digital inputs, use only one or the other. Connection to both creates a loop which can cause undesirable oscillation.
2. Be careful never to kink, twist or bend the optical fiber cable excessively.
3. This unit is not necessarily compatible with the optical fiber cables provided by other manufacturers. If connection is not successful, consult your dealer or service representative.

■ Connection to amplifier or receiver
(The following three methods are possible.)

● **Conventional amplifier connection:**
Connect the CD player's LINE OUTPUT (FIXED or VARIABLE) to the AUX or CD input jacks on the rear panel of the amp or receiver. Use the supplied cord. Be sure to connect the left (L) and right (R) jacks on the CD player to the corresponding jacks on the amplifier or receiver.

● **Connection to an amplifier equipped with digital input:**
Use a single coaxial cable to connect the CD player's DIGITAL OUT jack to the digital input jack on the amplifier.

● **Connection to a component equipped with optical fiber cable (OPTICAL INPUT) terminal:**
Use an optical fiber cable to connect the CD player's (DIGITAL OUT) OPTICAL terminal to the optical input terminal on the other component.

Plug in the AC power cord for the CD player and amplifier.

Controls and indicators

❶ POWER switch

❷ DIGITAL OUTPUT indicator
This illuminates when the digital output switch is on.

❸ DIGITAL OUTPUT switch
This switches digital output on and off.

❹ PHONES jack
Plug stereo headphones into this jack.

❺ Dyna-pneumatic suspension
Designed to safeguard sound quality by isolating the player from adverse external vibrations.

Note: ─────────────────────
To maintain the effectiveness of the Dyna-pneumatic suspension, do not place other components or items weighing more than 5kg on top of this unit.

❻ REMOTE SENSOR window
This picks up infrared signals from the remote control.

❼ OUTPUT LEVEL adjustment keys
These DOWN/UP keys simultaneously adjust both the rear panel VARIABLE output signal level and headphone volume.
The output level setting is shown by the indicators on the right side of the display.

❽ OPEN/CLOSE key (▲)
Press once to open the disc tray. Press again to close.

❾ INDEX keys (◢ INDEX ◣)
Used to specify index numbers within tracks.

❿ Manual search keys (◀◀ , ▶▶)
These keys let you move quickly forward or backward across the disc.

⓫ Music skip keys (|◀◀ , ▶▶|)
Used to skip forward to the start of the next track or back to the start of the current or preceding track.

⓬ STOP key (■)
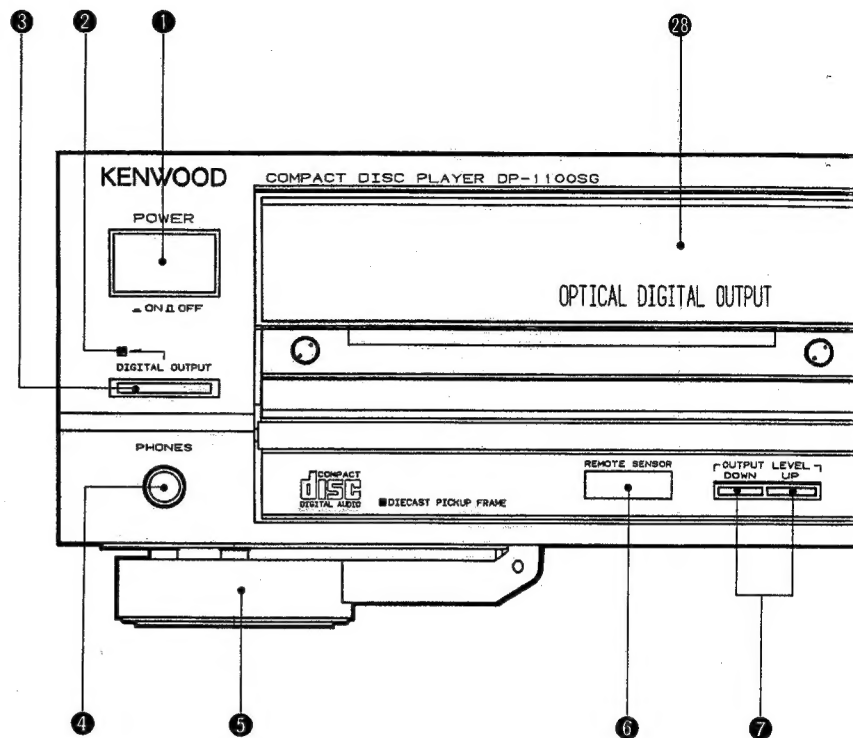Press to stop play.

⓭ Play indicator (▶)

⓮ PLAY/PAUSE key (▷/❚❚)
Press to begin play. Press during play to pause or resume play.

⓯ Pause indicator (❚❚)

⓰ PLAY MODE keys
Used to select the play mode: TRACK, PROGRAM, TIME, or SINGLE.

Display window

① **Disc indicator (DISC)**
Confirms that a disc is in the tray.

② **Disc out indicator (OUT)**
This illuminates (red) when there is no disc in the tray.

③ **A-B repeat indicator (A⟩⟨B)**

④ **REPEAT indicator (REPEAT)**

⑤ **Time counter (TOTAL TIME, SINGLE TIME)**

⑥ **Maximum track number indicator (MAX TNO.)**
Shows the highest track number found on the current disc.

⑦ **Music calendar (1 – 20)**
Indicates the track (selection) numbers on the disc, or shows which selections are programmed for play.

⑧ **OUTPUT LEVEL indicator**
Six LEDs show the output level (of the signal from the VARIABLE jacks on the rear panel.) This can be adjusted by remote control or output level adjustment screw on the rearpanel.
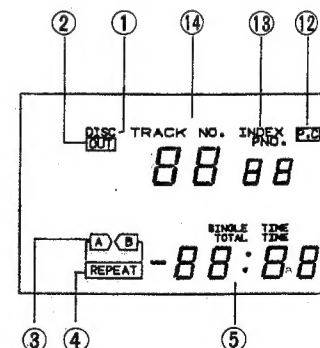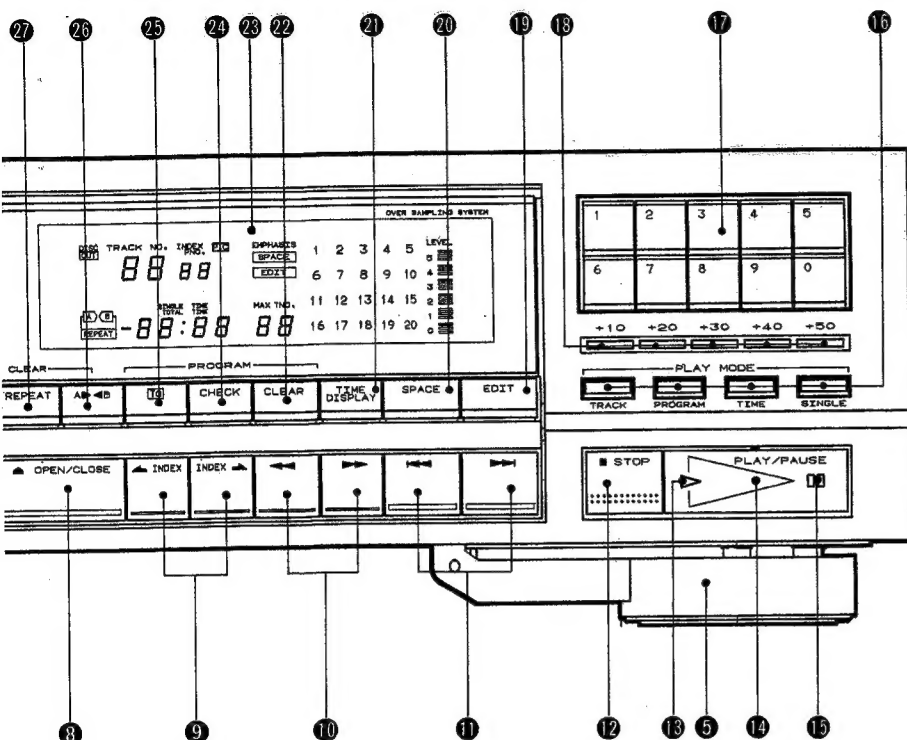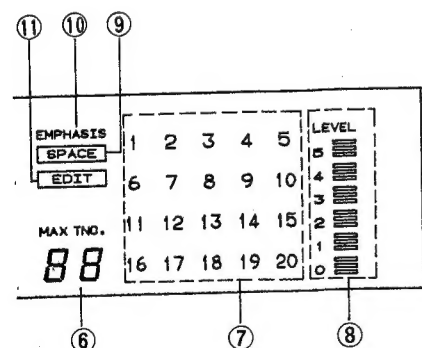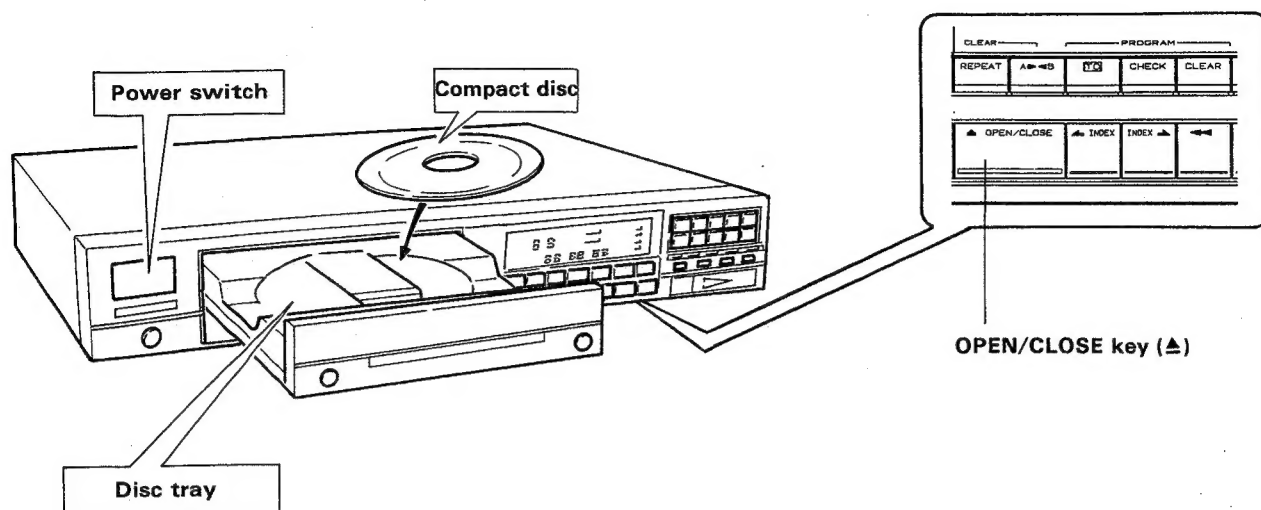
⑰ Numeric keys (1 ~ 0)
Used to specify first digit in a number when selecting a tune or setting a time.

⑱ Numeric keys (+10 ~ +50)
Adds ten to a number. Used with the numeric keys.

⑲ EDIT key
Used to automatically fit tracks into a program of a specified time length.

⑳ SPACE key
This causes play to pause for about four seconds between tunes, useful when taping.

㉑ TIME DISPLAY key
This switches the time display.

㉒ CLEAR key
This erases the last tracks in a program.

㉓ DISPLAY

㉔ CHECK key
Press to check program contents.

㉕ TO key
When programming, this lets you input a number of consecutive tunes starting at a particular track number.

㉖ A ▶ ◀ B repeat key
This key lets you define the beginning (A) and end (B) points of a section of music that you want played repeatedly.

㉗ REPEAT key
Used for repeated play.

㉘ Disc tray

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⑨ SPACE indicator (SPACE)

⑩ Emphasis indicator (EMPHASIS)
This confirms that the disc in play was recorded with high frequency emphasis.

⑪ Edit indicator (EDIT)

⑫ Program check indicator (P.C)
Lights up when you check program contents.

⑬ Index number (INDEX)/program number (PNO.)
Shows the current index number within the track. Shows the number of tracks during programming or when checking program contents.

⑭ Track number display (TRACK NO.)
Shows the track number (according to the order of the selections on the disc).

Preparing to play a CD Disc loading .....

Power switch

Compact disc

Disc tray

OPEN/CLOSE key (▲)

CLEAR ———— ———— PROGRAM ————
REPEAT | A▶◀B | | CHECK | CLEAR

▲ OPEN/CLOSE | ▲ INDEX | INDEX ▲ | ◀◀

■ Procedure (Same for all play modes)

1. Press the POWER switch to turn on.
2. Press the OPEN/CLOSE key (▲) to make the tray slide out.
3. Place the disc in the middle of the tray with the labeled side up.
4. Press the OPEN/CLOSE key again (or push the tray in lightly) to make the tray slide back in.
   - The disc will automatically begin rotating and the DISC indicator will blink.
     After a few seconds, the music calendar will show the track numbers on the disc (up to maximum of 20). Then disc rotation will stop and the DISC indicator will illuminate without flashing.
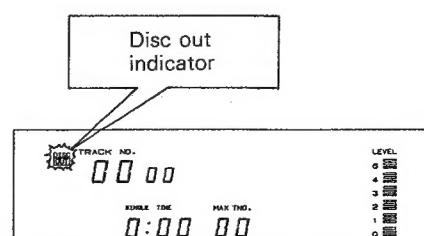   At this point you are ready to begin play.
     The maximum track number (MAX.TNO.) indicator will show the last track on the disc. The DISC indicator will stop flashing and stay illuminated.
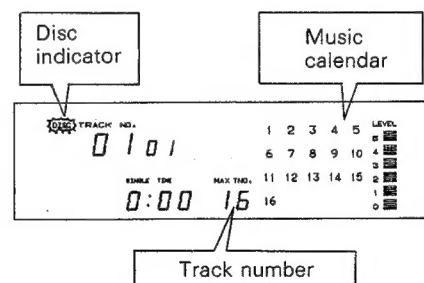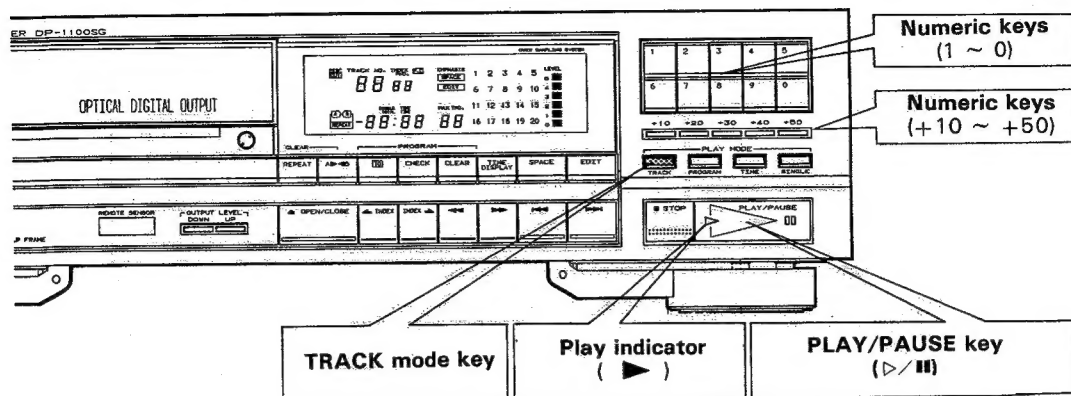
Note: ————
See the "Disc Handling" at the beginning of this manual. (Page 4)

- **If you close the tray without putting in a disc**
  The disc OUT indicator on the display will illuminate after a few seconds, if you forget to put in a disc.
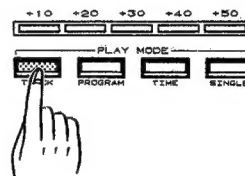
Disc indicator

Music calendar

TRACK NO.
0 1 0 1
1 2 3 4 5   LEVEL
6 7 8 9 10
SINGLE TIME   MAX TNO.   11 12 13 14 15
0:00 1.5   16

Track number

Disc out indicator

TRACK NO.
0 0 0 0
LEVEL
SINGLE TIME   MAX TNO.
0:00 0 0

Standard play
Track mode ..... Lets you start play from a particular track.

| TRACK mode key | Play indicator (▶) | PLAY/PAUSE key (▷/II) |

● Setting the play mode

Select the TRACK mode.
Confirm that the TRACK mode key is illuminated.

- The track mode is selected automatically when the power is turned on.
- Press the PLAY MODE key if necessary to move the play mode indicator so that it points to "TRACK".

Indicates the track mode.

■ Play from start

Press the PLAY/PAUSE key (▷/II) to start play.

- The play indicator will light and play will begin from the first track on the disc.

Track number

Elapsed time

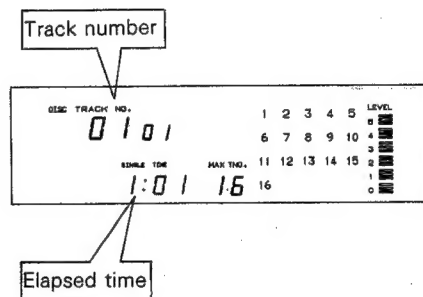The display shows the track number and the elapsed time.

■ Play from a particular tune

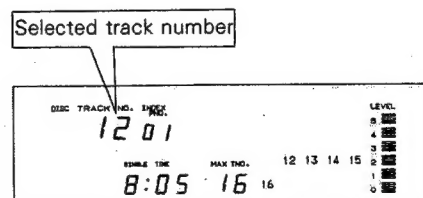Press the numeric keys to select the number of the track to start from.

- To select a track number you use the numeric keys (1 ~ 0) and the numeric keys (+10 ~ +50).
  Use the keys numbered 1 through 9 to select the first digit. Use the +10 key to input the other digits.

Example 1: To select the 12th track, first press the +10 key once, then press the number 2 key.
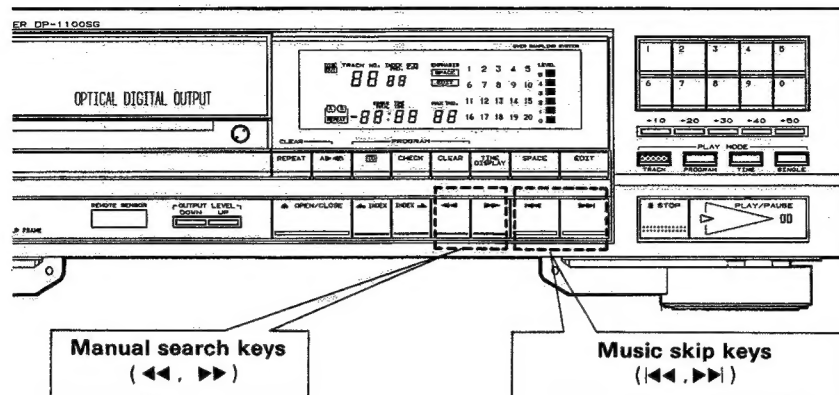Example 2: To input the 60th track, first press +50, then +10, then 0.

Selected track number

Standard play Track mode .....
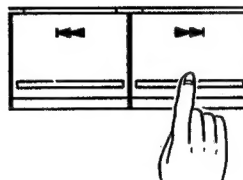

Manual search keys
(◄◄ , ►►)

Music skip keys
(I◄◄ , ►►I)

■ Skipping ahead

During play or pause, press the right music skip (►►I) key to jump ahead to another track.

Press once to advance to the next track. Press repeatedly or keep the key pressed down to advance several tracks ahead. When this key is pressed, while the player is stopped, play will start from the beginning of the second track.

■ Skipping behind

Press the left music skip (I◄◄) key to jump backward to the beginning of the current track or a previous track.
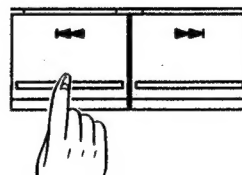
Press once to return to the beginning of the current track. Press repeatedly or keep the key depressed to skip several tracks backward.
When this key is pressed, while the player is stopped, play will start from the beginning of the last track.

■ Forward and reverse search

During play you can search forward or backward at high speed by pressing the manual search (◄◄ , ►►) keys. Press the left (◄◄) key to move backward. Press the right (►►) key to move forward.

Play stops when you search forward past the end of the last track or when you search backward past the start of the first track on the disc.
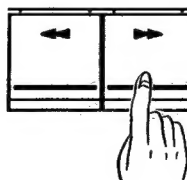
When one of these keys is pressed during play you will hear a cueing sound as the pickup moves forward or backward across the disc. Referring to this sound, release the key when you come to the desired position.

Stopping play Stop and pause modes .....

PLAY/PAUSE key
(▷/❙❙)

OPEN/CLOSE key
(▲)

STOP key
(■)

Play indicator
(▶)

Pause indicator
(❙❙)
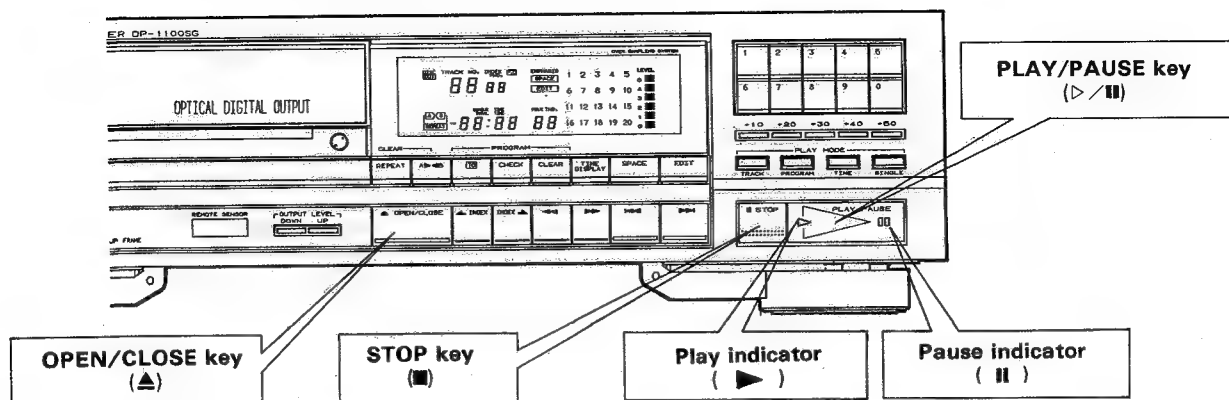
● **When play finishes**
After the last track finishes playing, the play indicator
(▶) goes out and the player stops with the pickup
repositioned to play the first track.

● **To stop during play**

Press the STOP key (■).
• Play will stop and the pickup will be repositioned,
ready to play the first track.

● **Pausing play**
To temporarily interrupt play, press the PLAY/PAUSE
(▷/❙❙) key. The play indicator will go out and the red
pause indicator will turn on.
To resume play, press the PLAY/PAUSE (▷/❙❙) key
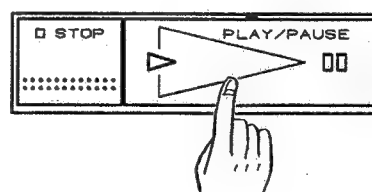again.
The player will automatically stop if you leave it paused
for more than about 5 seconds. When the player stops,
it moves the pickup back, ready to play the first track.

● **To stop and remove a disc**
1. Press the OPEN/CLOSE (▲) key. Play will stop and
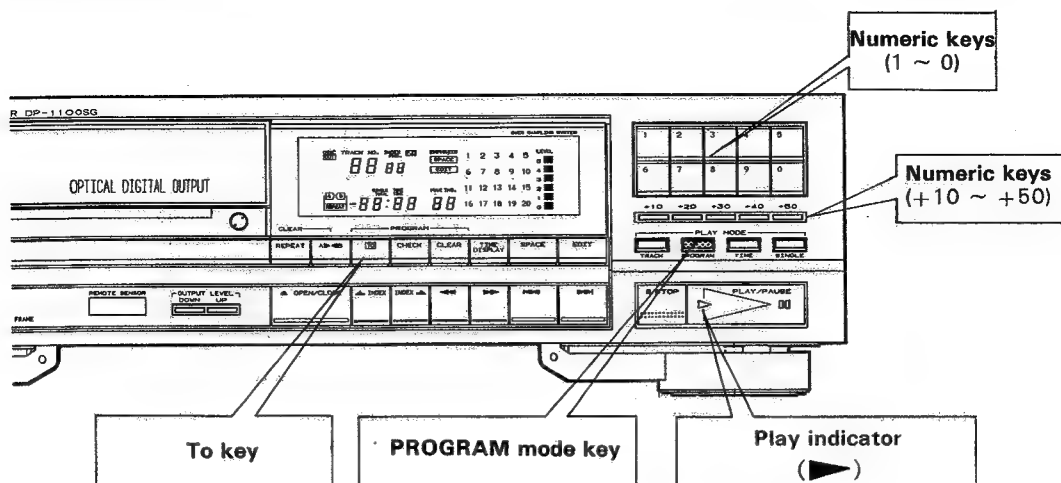the tray will slide out.
2. Take the disc out of the tray.
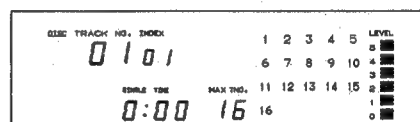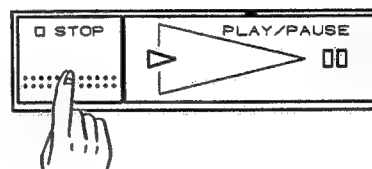
Play stops and the pickup repositions at the
start of the first track.

Programmed play

Setting up a play-list ..... You can program any tracks in any order. A single program can include up to 20 tracks.

To key   PROGRAM mode key   Play indicator (▶)
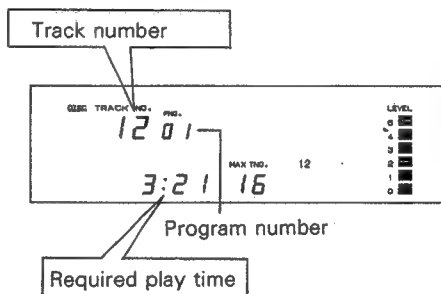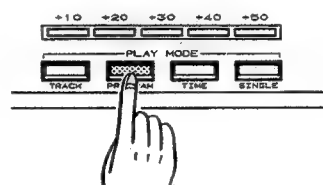
■ Program input
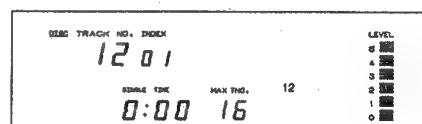
1. Mode selection
   Press the PROGRAM mode key.
   • The PROGRAM mode key will illuminate.

2. Use the numeric keys (1 – 0) and (+10 ~ +50) key to input the number of each track that you wish to hear. Input the tracks in the order in which you want to have them played.
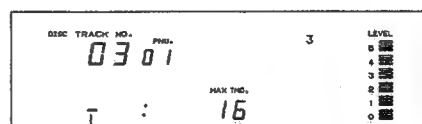   • Flashing the play indicator.
   • Your selections are automatically stored in memory as you input each track using the numeric keys (1 ~ 0) and (+10 ~ +50) key.
   • The display shows the program number (P NO.), the track number (TRACK NO.) and the total playing time for the program.
   • The remote control unit is convenient for direct input of two digit track numbers, since it has separated +10, +20, +30, +40, and +50 keys.
   • A few seconds after inputting a track number, the time display returns to "0:00". This means that it is now pressed to input the next track number or begin play of the program. You may put up to 20 tracks in a program. The same track can be put in the same program several times. The player will ignore track numbers higher than those actually included on the currently loaded disc.
   • If you stop in the program mode and then press the PROGRAM mode key again, all songs not yet in the program will be added to the end of the program (in order from lower to higher track number). This is handy if you want to listen to a preferred selection first and then hear the remaining tracks.

■ Inputting consecutive tunes starting at a particular tune

1. Use the numeric keys to input the number of the first track in the series. Then press the TO key (on the remote control unit).
2. Input the number of the last track in the series.
   • The display will change and the player will store the intermediate track numbers automatically.
   • More than 20 tracks can not be stored in a program. The program will automatically default to the last track on the disc in case you input a number higher than the last track number after pressing the TO key.

Track number

Selecting the 12th track.
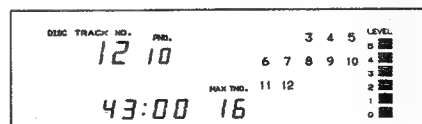
Program number

Required play time

Standby indication

Selecting the third track as the first in a series.

Display shows a dash (-) after you press the TO key.

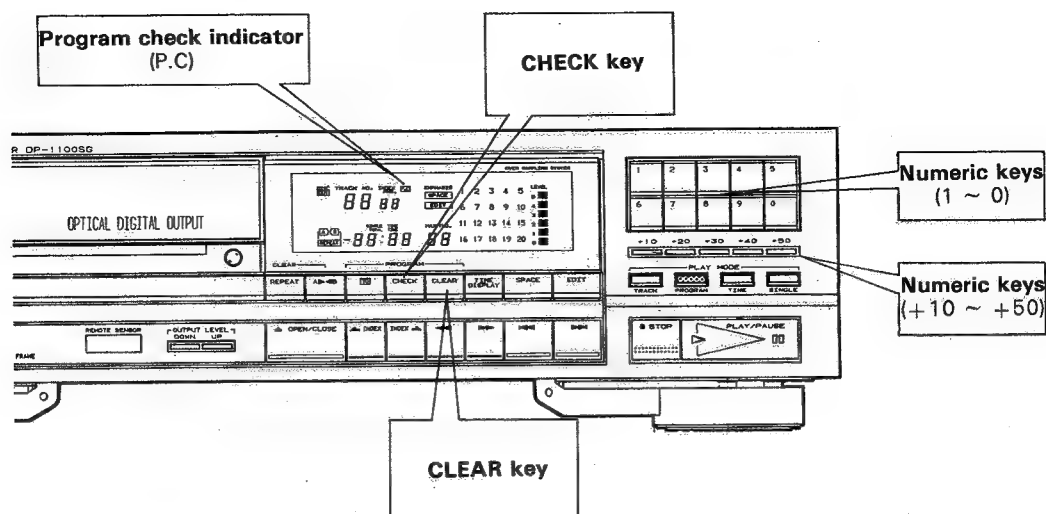Program number (PNO.) display shows 10 after inputting tracks 3 through 12.

Programmed play Changing program contents .....

Program check indicator (P.C)

CHECK key

Numeric keys (1 ~ 0)

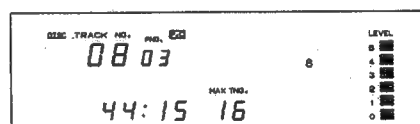**Numeric keys (+10 ~ +50)**

CLEAR key

■ Changing the last track in a program

1. Press the CLEAR key to drop the last track.
2. Use the numeric keys (1 ~ 0) and (+10 ~ +50) plus ten key to select your desired track.
   - The display will show the newly selected track which takes the place of the track that you dropped.
   - You can press the CLEAR key any number of times, dropping one track after another from the end of the programmed list.
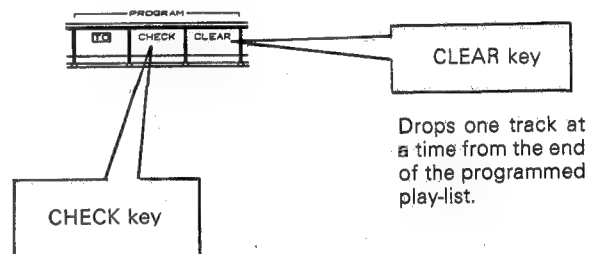
■ Checking a program
Press the CHECK key to confirm program contents.
   - Each time you press the CHECK key, the display advances by one track (from the start of the program) and shows the required playing time through the end of that track.

■ Changing a program
1. Press the CHECK key until the display shows the track number that you wish to change.
2. While the program check indicator (P.C) is on, input your desired track number (by using the numeric keys (1 ~ 0) and (+10 ~ +50) key).
   - The display will show your newly selected track number and the required program playing time.

■ During play
It is also possible to check the program contents and drop tracks during play.
   - However, the CLEAR key can be used to drop (and allow change of) only those tracks that follow the track currently in play. The CHECK key can be used to allow changing of any track other than the track currently in play.

CLEAR key

Drops one track at a time from the end of the programmed play-list.

CHECK key

Display shows that track number 8 will be played as the third track in the program.

Programmed play Playing discs in the PGM mode .....

Music calendar

CLEAR key

Play indicator (►)

Manual search keys (◄◄ , ►►)

Music skip keys (I◄◄ , ►►I)
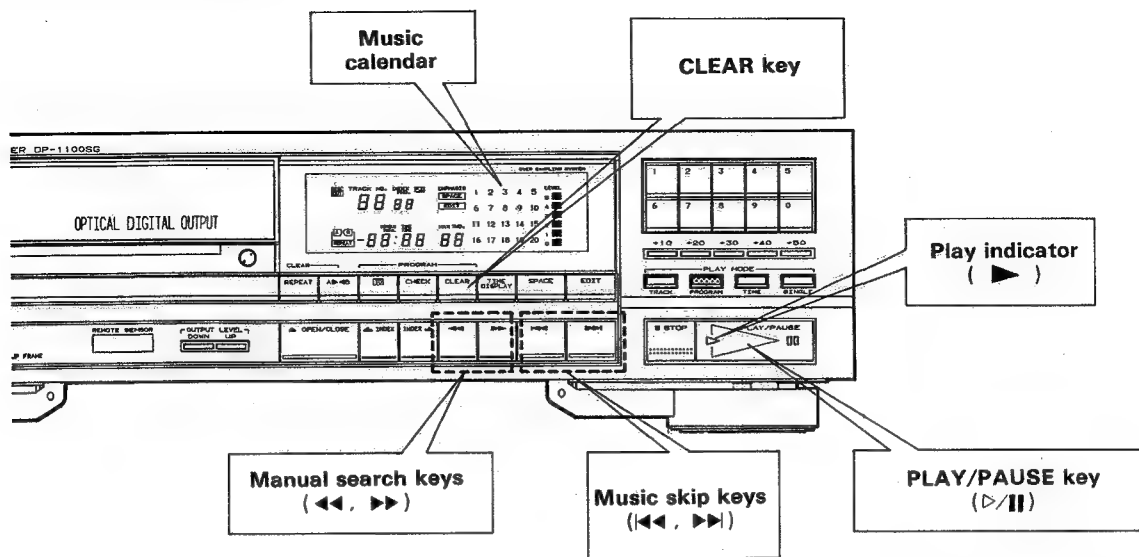
PLAY/PAUSE key (▷/II)

■ Starting programmed play

After inputting your desired tracks you begin to play by pressing the PLAY/PAUSE (▷/II) key.
- The play indicator stops blinking and lights up continuously. Then your tracks are played as you programmed them.
- After each track is played, its track number disappears from the music calendar.

● **To skip ahead in a program**
Press the right Music skip (►►I) key to jump ahead to the next track in the programmed list. You can do this during play or pause.
- Press repeatedly or keep the Music skip key depressed if you wish to jump several tracks ahead in the program. If pressed when the player is in the stop mode, play will start from the second track in the program.

● **To skip backward in a program**
Press the left Music skip (I◄◄) key to go back to the start of the current or previous track in the programmed list.
- A single press of the key takes you back to the start of the track currently in play. Press repeatedly or keep the key depressed to back up further in the program.

● **To listen from a particular point**
Use the manual search (◄◄ , ►►) keys to go forward or backward to the point from which you wish to start listening.
(Refer to the section on "Forward and Reverse Search" earlier in this manual. (Page 10))

● **To stop programmed play**
Simply press the STOP key (■) as usual.
- This does not erase your program. After stopping, to restart play from the beginning of the program, press the PLAY/PAUSE (▷/II) key.

■ Adding a track during programmed play

During play you are free to add tracks to the end by selecting the appropriate track numbers using the Numeric keys.

● **Play in the program mode when nothing is programmed**
- If in the program mode, but you have not input any tracks for play, then only the first track on the disc will be played when you press the PLAY/PAUSE (▷/II) key. This is the same as when only the first track has been programed for play.
- After the first track finishes, play stops and the pickup returns to the start of the disc.

● **If the Disc tray is open**
The tray will close automatically and play will begin if the PLAY/PAUSE (▷/II) key is pressed after programming when the disc tray is open.
If you program when the Disc tray is open, then the player will allow you to input track numbers higher than those acturally on the disc.
However, when you close the Disc tray, the player will automatically cancel any such "impossible" selections.

■ Erasing a program

All program contents will be erased if you perform any of the following operations:
① If you press a PLAY MODE key other than the PROGRAM mode key.
② Press the OPEN/CLOSE (▲) key when the tray is closed.
③ If the player is stopped and you press the CLEAR key as many times as there are tracks in the program.
④ Turn off the power.

Play from a time location within a tune

The time mode lets you specify time as well as track number .....

TIME mode key   Play indicator (▶)
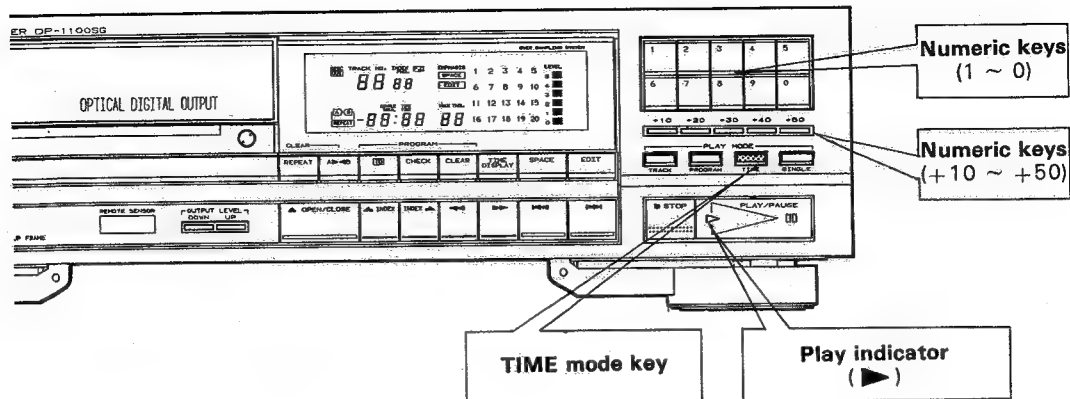
■ Time mode play

1. Press the TIME mode key.
   • The TIME mode key will illuminate.
2. Select the number of your desired track.
3. Select the time within the track from which you want play to begin.

Example: From 2 minutes 15 seconds into the third track.
① Press the 3 key.
② Press the 2 key. Then press the +10 key. Next press the 5 key. The play indicator will light and play will begin from your specified location.

• Play will start from the beginning of the last track on the disc if you select a track number higher than the highest number on the disc. Play will start from the beginning of your selected track if you specify a time later than the length of the track.
• If you do not press any key within five seconds after inputting the song number then the display will be canceled. Start over from the beginning -- input the song number and then the time.
• If you make a mistake and want to start over, press the TIME mode key again.

● **Time mode play when the tray is open**
If the disc tray is open when you specify the track and time, then the disc tray will close and play will begin automatically.

● **Even during play you are free to select a track and time. Play will resume from your new specification just as if you had input the track number and time when the player was stopped.**

Note:
The time listings on compact disc labels are not necessarily exactly correct. If play does not begin from the position that you expected, make an adjustment and try again.
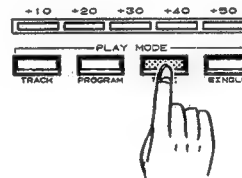
Specifying 2 minutes and 15 seconds into track number 3.
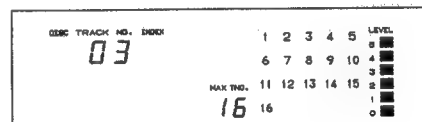
① Input "3" for track number three.
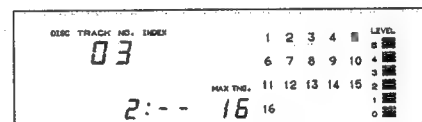
② Input "2" for two minutes.

③ Input "+10" and then "5" for 15 seconds.

• Play will begin automatically from the 2-minute, 15-second position into the third track.

Playing a single tune Single mode ..... Listening to just one track

Numeric keys (1 ~ 0)

Numeric keys (+10 ~ +50)
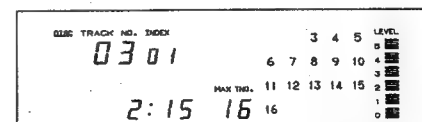
Play indicator (►)
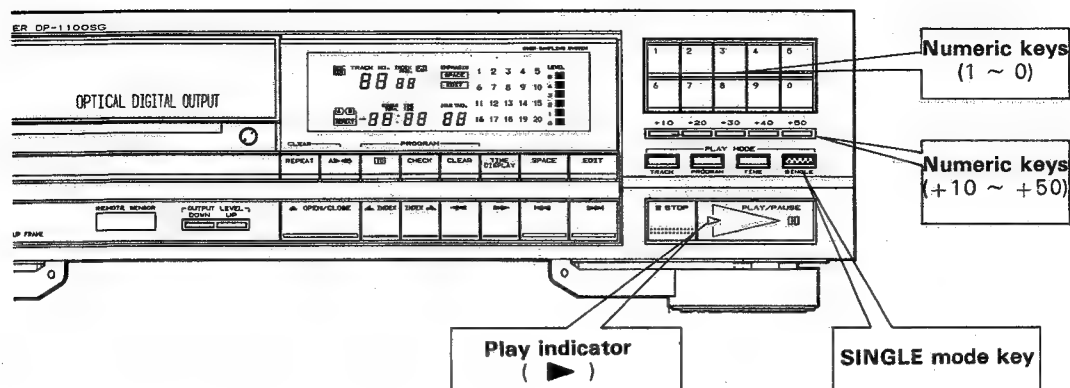
SINGLE mode key

■ Single mode play

1. Press the SINGLE mode key.
   The SINGLE mode key will illuminate.
2. Input the number of the track you want to play.

   • The play indicator will light and play will begin from your selected track.
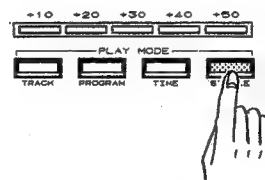
● **If the tray is open**
   Operation is the same whether the tray is open or closed.

   Note: ─────────────────────────
   If you specify a track number higher than the number of tracks on the disc then the last track on the disc will be played.

● **To make the track in play be the last track played.**
   When play is in another mode (TRACK, PGM, TIME) then you can force the player to stop at the end of the track in play by pressing the PLAY MODE key to select the SINGLE mode.
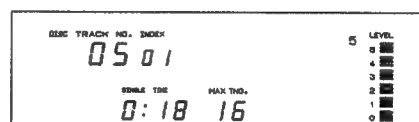
Selecting track number 5.

Versatile functions Taking advantage of special features .....

REPEAT indicator

OPEN/CLOSE key
(▲)

REPEAT key

■ Repeated play

REPEAT key

● To repeat the entire disc
When in the TRACK or TIME mode, press the REPEAT key. The REPEAT indicator will light and all the tracks on the disc will be played repeatedly.

REPEAT

The REPEAT indicator will turn on.

● To repeat play of a single track
Press the REPEAT key when in the SINGLE mode. The currently selected track will be played repeatedly.

● To repeat a program
If you press the REPEAT key when the program (PGM) mode is selected, then the current program contents will be played repeatedly.

● To cancel repeat operation
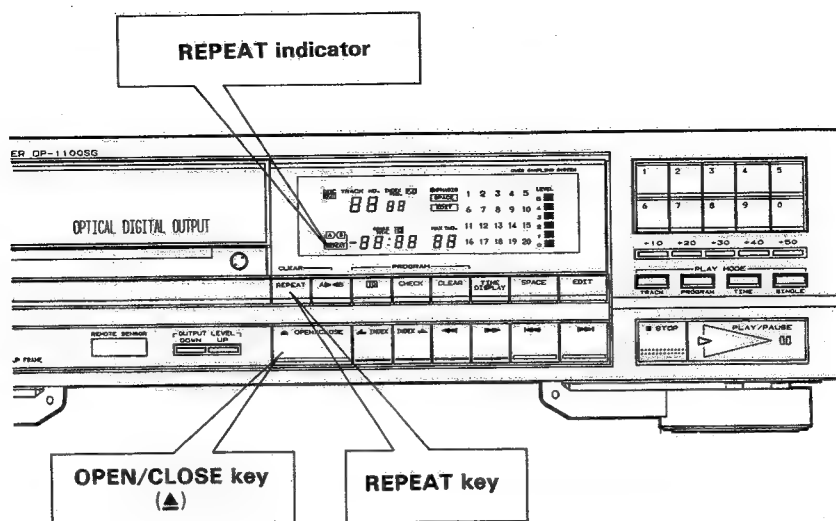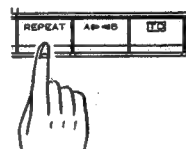Press the REPEAT key a second time or press the OPEN/CLOSE (▲) key when you wish to stop repeated play.

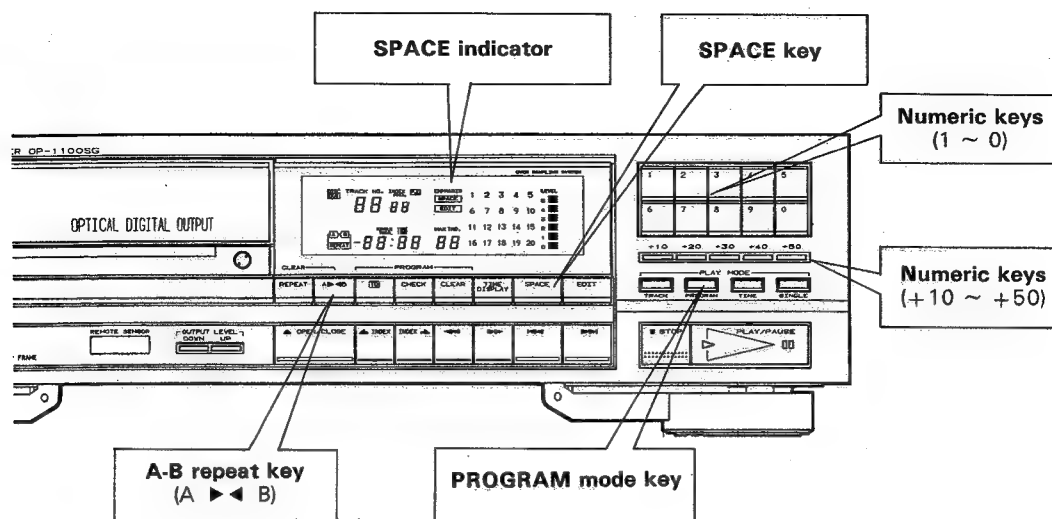### ● Using manual search during repeat operation
Pressing the right Manual search key will take you from the end of the last track to the beginning of the first track. Pressing the left Manual search key will take you from the start of the first track to the end of the last track on the disc.

Versatile functions More useful features .....

SPACE indicator

SPACE key

Numeric keys (1 ~ 0)

Numeric keys (+10 ~ +50)

OPTICAL DIGITAL OUTPUT

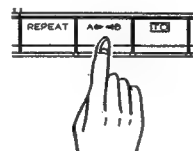**A-B repeat key (A ▶◀ B)**

PROGRAM mode key

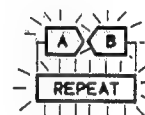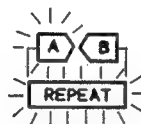## ■ Repeated play between two points

In any mode you can have the player repeatedly play any section of music from point A to point B. While listening to the music, press the A-B REPEAT key (A ▶◀ B) once to mark the starting (A) point. The REPEAT mark and "A" will illuminate on the display. Keep listening (or use the forward MANUAL SEARCH (▶▶) key to advance rapidly) and press the A-B REPEAT key again when you come to the end (B) point. Now the "B" will also illuminate in the display. Repeat play will begin automatically between your two selected points.

This is handy when you want to listen repeatedly to a particular musical phrase within a tune.

- During A-B repeat play you can return to the starting (A) point by pressing the A-B REPEAT key (A ▶◀ B) again.
- Press the REPEAT key to cancel A-B repeat play.

■ Making space between tracks

1. Press the SPACE key so that the space indicator lights.
   - An interval of about four seconds will occur after each track.
2. Press the SPACE key again to cancel this function.

■ Setting up the next track during play

1. Press the PROGRAM mode key while playing a song (or when paused) in any mode other than the program mode.
   - Play (or pause) will continue and the track number in play will be stored in memory as the first track in the program.
2. Use the Numeric keys and Plus ten key to select the next track to be played.
   - This will be stored as the second track in the program and will be played next.
3. 19 tracks can be added in this way.
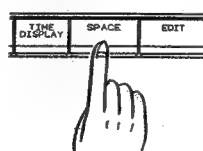
Press the A-B REPEAT Key.

When the A-B REPEAT Key is pressed to mark the starting (A) point, the REPEAT mark and "A" will illuminate on the display.

When the A-B REPEAT Key is pressed to mark the end (B) point, the "B" will also illuminate on the display.

SPACE

The SPACE indicator will turn on.

Versatile functions More useful features .....

POWER switch

INDEX indicator
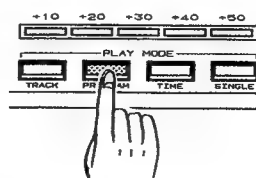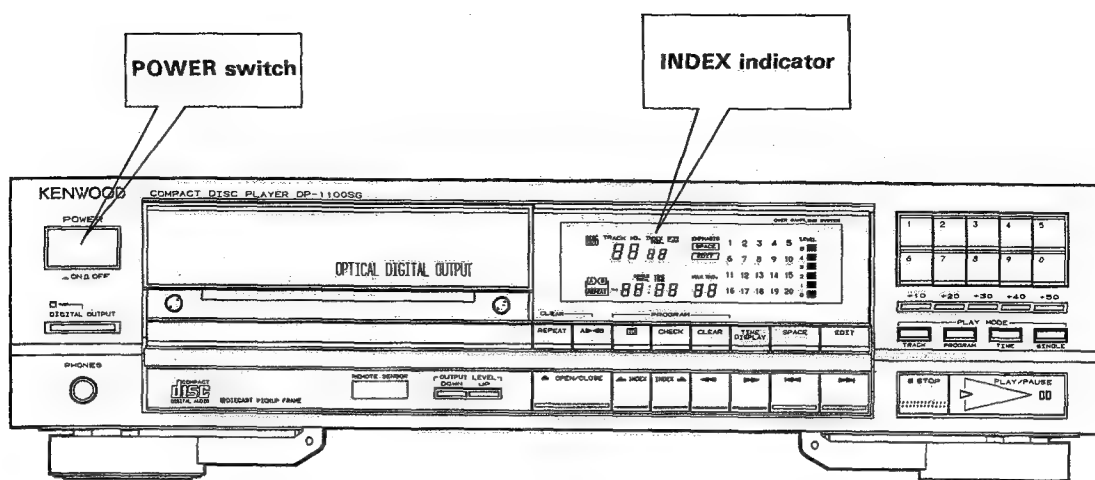
■ Timer play

Plug the CD player's AC power cord into the audio timer.
Load a disc. Leave the CD player's power switch turned
on and set the audio timer to the desired time.

* Play will begin from the first track on the disc. (The track
  mode is selected automatically when the power turns
  on.)

Note:
Be careful of your amplifier volume setting when using an audio
timer.
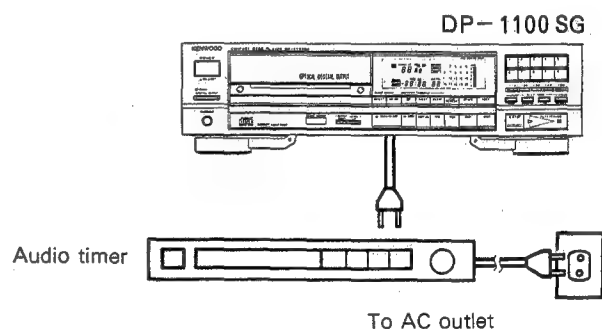
■ Index play

If the disc contains index numbers then it is possible to use
the INDEX (▣ , ▣) keys to select index numbers during
play or pause.

* The selected index number is confirmed on the
  INDEX indicator of DISPLAY.

DP—1100 SG

Audio timer

To AC outlet
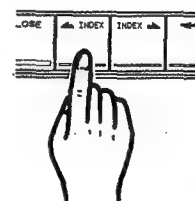
Versatile functions More useful features .....

TIME DISPLAY

EDIT key
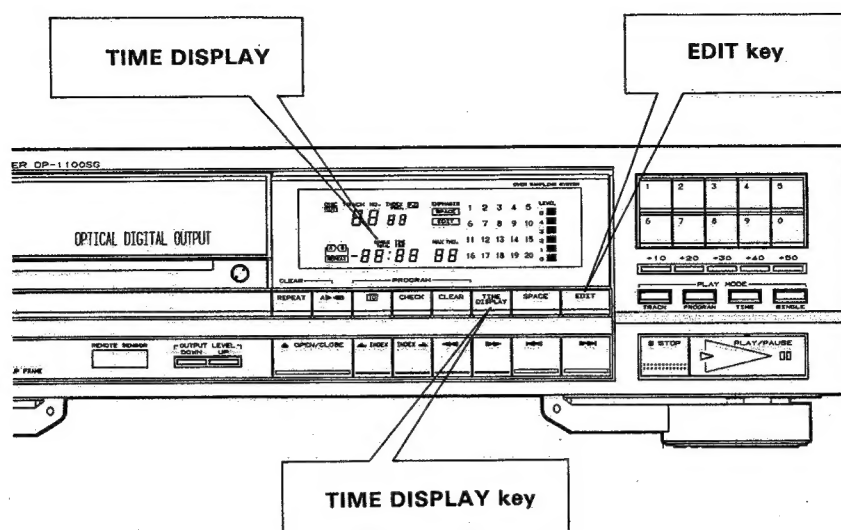
TIME DISPLAY key

■ Time display

It is possible to check elapsed and remaining playing times for single tracks, the entire disc, or the current program. Press the TIME DISPLAY key to switch the time display to your desired mode. The display loops around in the following sequence with each press of the key.

① Current track elapsed time

SINGLE TIME

$l : \overline{c} \; \overline{l}$

↓

② Current track remaining time

SINGLE TIME

$\overline{c} : \overline{l} \; \overline{l}$

↓

③ Disc (or program) elapsed time

TOTAL TIME

$\overline{c} \; \overline{l} : l \; \overline{l}$

↓

④ Disc (or program) remaining time

TOTAL TIME

$\overline{l} \; \overline{l} : l \; \overline{l}$

After ④, it loops back to ① above.

Note:
- This CD player is capable of storing time data for up to 43 tracks on a disc. With discs having more than 43 tracks, the time display may not appear or may not be complete.
- In the program mode, elapsed times of more than 99 minutes are not displayed. Total disc remaining time is not displayed either. However, you can have a total program time of more than 99 minutes.
- In cases when time can not be shown, the time display appears as "– – : – –".

■ Using the EDIT key

1. Press the EDIT key when the player is stopped.
   - The time display will show "– – : – –".
   - The PROGRAM mode will be selected automatically.
2. Use the numeric selection keys to input a length of time between 1 and 99 minutes.
   - Starting at the first track on the disc and proceeding in numeric order, the player will automatically program as many songs (tracks) as will fit within the selected length of time. When finished, it will show the remaining time and then after about three seconds it will show the total program time.
   - If you use this function in the program mode after you have programmed a list of songs, then it will adjust your program contents to match your specified time length. If your program exceeds your time, then the edit function will remove songs starting at the highest program number and working down. If your program has not reached your specified time, then the edit function will add songs from among those not programmed, starting at the lowest available track number and working up.
   - If the SPACE indicator is on during this operation then 4-second spaces between songs will be included in the time calculation.

Remote control For extra convenience .....

Most keys have the same functions as the front panel controls.

CHECK key

TO key

PLAY mode keys
  TRACK mode key
  PGM (Program) mode key
  TIME mode key
  SINGLE mode key

REPEAT key
A-B repeat key (A ▶ ◀ B)
INDEX keys
(⟋, ⟍)
MANUAL SEARCH keys(◀◀ , ▶▶)

STOP key
(■)

CLEAR key

EDIT key
OPEN/CLOSE key
(▲)
TIME DISPLAY key

Numeric keys (1 ~ 0)

Numeric keys
(+10, +20, +30, +40, +50)

OUTPUT LEVEL (DOWN/UP) keys

SPACE key
MUSIC SKIP keys
(I◀◀, ▶▶I)
PLAY/PAUSE key
(▶/II)
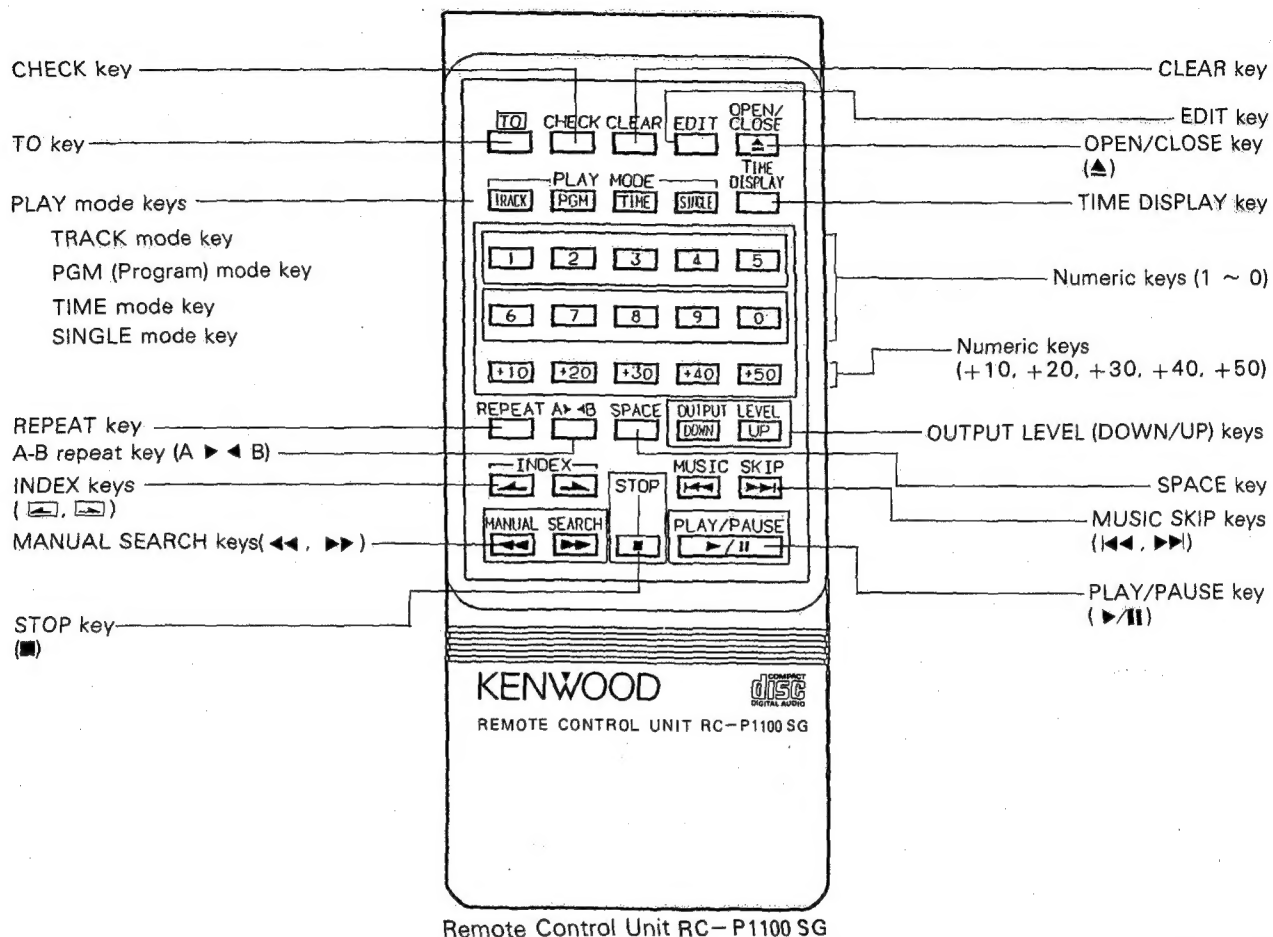
Remote Control Unit RC-P1100 SG

Operating range of remote control unit

DP-1100 SG

5 m

60°

RC-P1100 S G
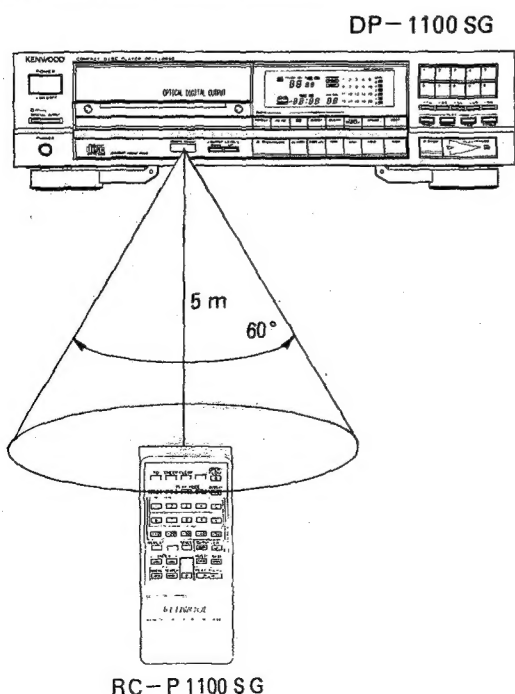
Batteries

Load two "R6", "AA" type batteries in the remote control unit as shown in the illustration.

1. Remove the cover.
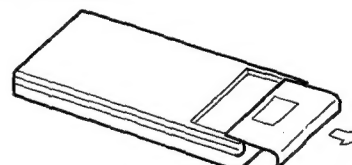
2. Insert batteries with correct polarity, and close the cover.
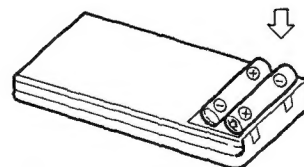
Note:
The provided batteries are to be used for operation of the remote control unit, and it may have shorter life.
When the remote control unit becomes effective only for shorter distance or does not effective to operate, replace them with two new batteries.

In case of difficulty

If you are not obtaining the expected results from the CD player, please check this chart before calling your service represative or dealer. In most cases the solution is simple.

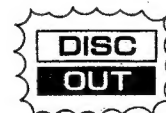| Symptom	Cause	Remedy
No power when POWER switch is ON.	1. AC plug not firmly inserted. 2. Amplifier is OFF and player is plugged into SWITCHED outlet.	1. Plug in firmly. 2. Turn on amp power.
Disc inserted but will not play. Disc OUT indicator `DISC OUT` is on. No response from PLAY/PAUSE key (▷/‖).	1. Disc is upside down. 2. Disc is dirty. 3. Disc is damaged. 4. Condensation on laser pickup lens.	1. Load the disc with the label facing up. 2. Wipe disc clean according to the CD handling precautions. 3. Try another disc. 4. Leave power ON and try again in about an hour. Condensation should evaporate by that time.
No sound	1. Disc not loaded. 2. Play not started (play/pause indicator not on). 3. Disc is dirty. 4. Disc is damaged. 5. Cords are not firmly or correctly connected. 6. VARIABLE output is used but output level has been reduced to zero.	1. Load a disc and press the PLAY/PAUSE key. 2. Press the PLAY/PAUSE key. 3. Wipe disc clean according to the CD handling precautions. 4. Try another disc. 5. Firmly plug in required cords to the correct jacks. 6. Use remote control OUTPUT LEVEL UP key, or rear panel output level adjustment screw to raise output level.
Music is interrupted (skips).	1. Disc is dirty. 2. Disc is damaged. 3. Player is being jostled or jarred. 4. The two transportation screws have not been loosened.	1. Wipe disc clean according to the CD handling precautions. 2. Try another disc. 3. Install the player where it will not be exposed to excessive vibration. 4. Loosen the two transportation screws.
Play begins immediately upon turning ON the power.	Play begins automatically if there is a disc loaded when you turn ON the power.	Remove the disc before turning OFF the power if you do not want it played automatically.
Noise or interference occurring in nearby TV or tuner.	This unit's digital signal processing circuitry may cause mild interference with broadcast signals.	Move the units further apart or turn OFF the CD player when watching TV or listening to radio.

■ **Before transport: tighten the transportation screws**
Before transporting this unit, be sure to tighten the two transportation screws on the bottom of the unit.

1. Turn ON the power switch when no disc is loaded.
2. Wait a few seconds until the disc OUT indicator comes "ON". Then turn "OFF" the power.

```
┌─────────┐
│  DISC   │
│  OUT    │
└─────────┘
```

3. Firmly tighten the two transportation screws.

Specifications

[Format]

Type:	Compact disc player
Read system:	Non-contact optical pickup
Laser:	GaAlAs, wave-length=780nm, 3-beam tracking
Rotational speed:	About 500 to 200 rpm
Error correction:	Cross Interleave Read-Solomon code
Audio channels:	2

[Audio]

Frequency response:	4Hz ~ 20kHz
Signal-to-noise ratio:	more than 108dB
Total harmonic distortion:	0.001% at 1kHz
Channel separation:	more than 106dB at 1kHz
Wow flutter:	Below measurable limit

Output voltage
  Analog outputs

LINE OUT (FIXED):	2.0V
LINE OUT (VARIABLE):	0 ~ 2.0V

Digital output

Coax cable terminal:	0.5V p-p, 75 ohms
Optical output:	−15dBm ~ −25dBm
Headphone jack:	60mW (8 ohms)

[General]

Power consumption:	23W
Dimensions:	W: 440mm (17-5/16")
	H: 124mm (4-7/8")
	D: 360mm (14-3/16")
Weight:	11.8kg (26 lb)

[Wireless remote control unit]

Model:	RC-P1100SG
Type:	Infrared pulse
Power supply:	DC 3V (two AA size batteries)
Weight:	115g (with batteries)

[Supplied accessories]

Connection cord:	1 stereo cord
Wireless remote control (RC-P1100SG):	1
Batteries (AA):	2

Note:
We follow a policy of continuous development.
For this reason specifications may be changed without notice.